

MD 528 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

### EXISTING SIGNS TO REMAIN

21a, 21b, 22a, 22b  
Coastal HWY

D-3(1)  
(VAR. X 16")  
DUAL FACED

23a, 23b, 24a, 24b  
45TH Street

D-3(1)  
(VAR. X 16")  
DUAL FACED

25, 26

BUSES  
BIKES  
RIGHT TURNS  
ONLY

R3-17 (MOD)  
30"X42"

### PROPOSED PUSHBUTTON SIGN (ACCESSIBLE PUSHBUTTON TO REMAIN)

17, 18

COASTAL HWY  
R10-3(1)  
9"X15"

19

COASTAL HWY  
R10-3(1)  
9"X15"

### PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN

20

COASTAL HWY  
R10-3(1)  
9"X15"

### EXISTING LED SIGNALS TO REMAIN

1, 4

12" / 8"

3, 6, 8,  
9, 11, 12

12"

2, 5

12"

7, 10

8"

### EXISTING SIGNALS TO BE REMOVED

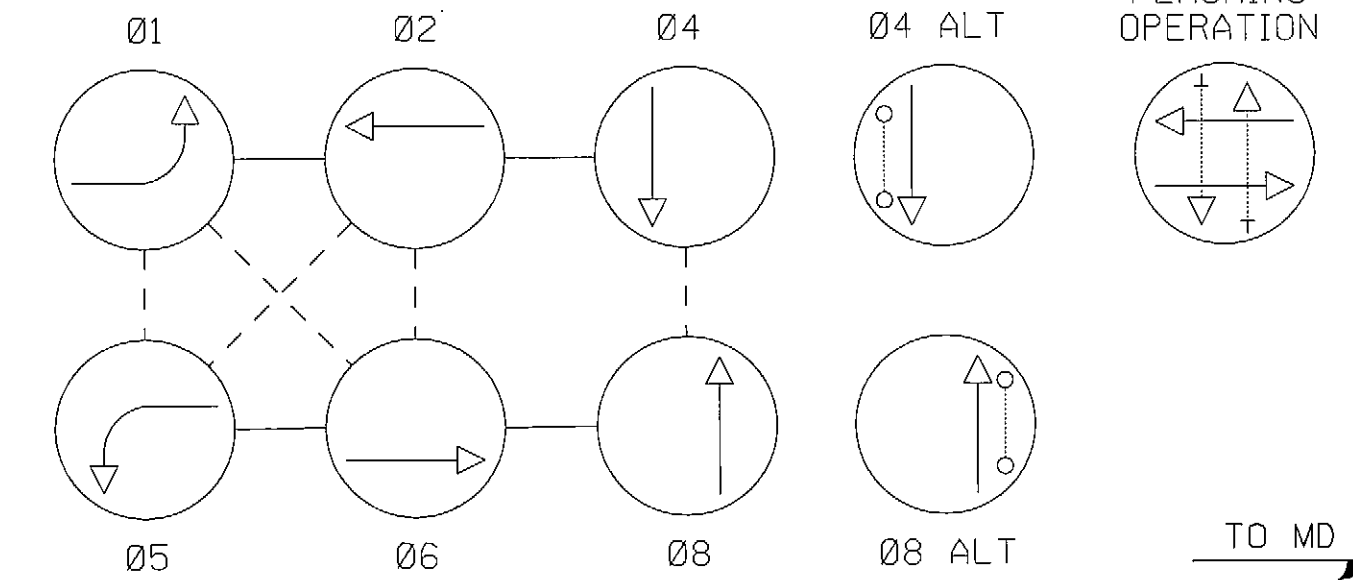
16"  
(4 EA.)

### PROPOSED LED SIGNALS

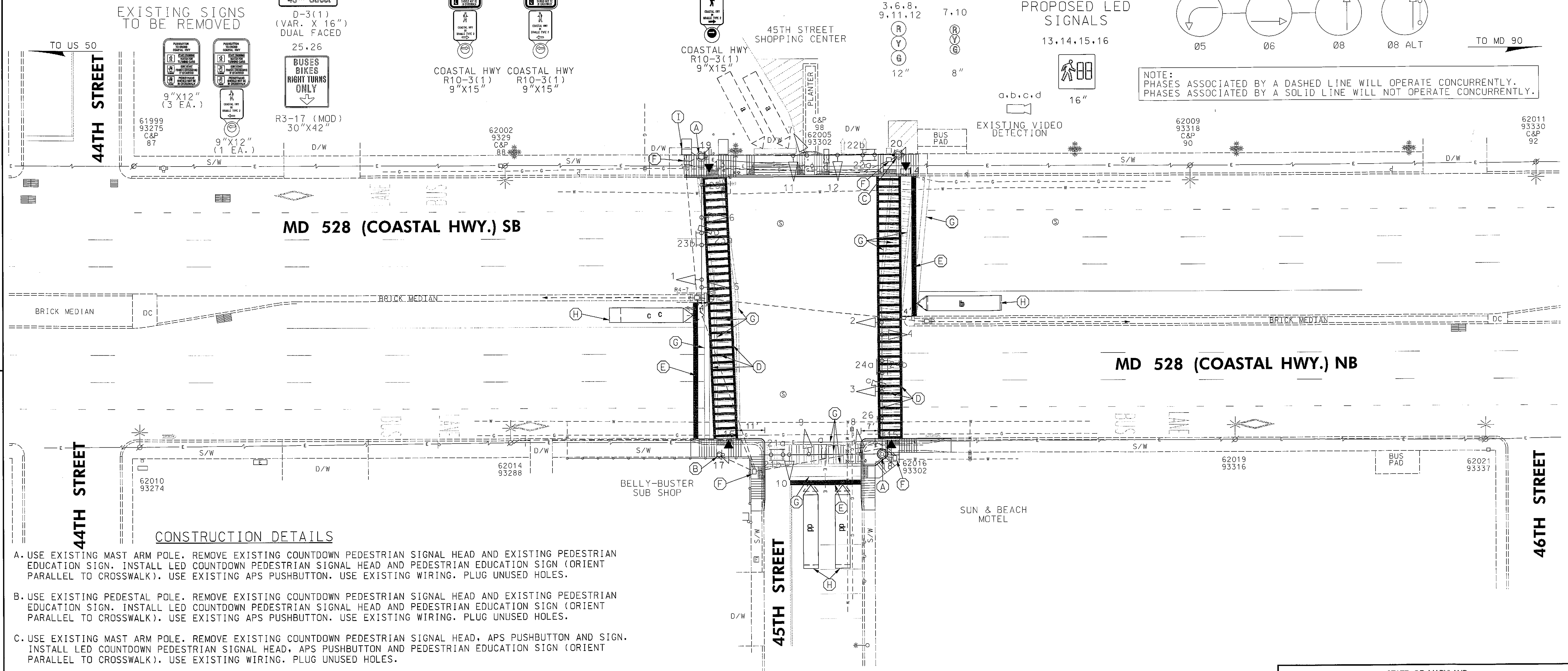
13, 14, 15, 16

16"

### NEMA PHASING



NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



### CONSTRUCTION DETAILS

- USE EXISTING MAST ARM POLE. REMOVE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD AND EXISTING PEDESTRIAN EDUCATION SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN EDUCATION SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING APS PUSHBUTTON. USE EXISTING WIRING. PLUG UNUSED HOLES.
- USE EXISTING PEDESTAL POLE. REMOVE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD AND EXISTING PEDESTRIAN EDUCATION SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN EDUCATION SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING APS PUSHBUTTON. USE EXISTING WIRING. PLUG UNUSED HOLES.
- USE EXISTING MAST ARM POLE. REMOVE EXISTING COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN. INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND PEDESTRIAN EDUCATION SIGN (ORIENT PARALLEL TO CROSSWALK). USE EXISTING WIRING. PLUG UNUSED HOLES.
- INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- INSTALL 24 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE (PAID FOR AS 2 - 12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE).

F. ADJUST EXISTING HANDHOLE TO FINAL SIDEWALK GRADE.

G. REMOVE EXISTING PAVEMENT MARKINGS.

H. PROPOSED VIDEO DETECTION ZONE. INSTALL 12" BEHIND STOP LINE. CONTACT SHA SIGNAL SHOP TO COORDINATE VIDEO CAMERA ADJUSTMENT.

I. USE EXISTING CABINET AND CONTROLLER. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT (BY SHA FORCES AND INCIDENTAL TO APS PUSHBUTTON ITEM).

#### GEOMETRIC LEGEND

EXISTING  
PROPOSED

#### UTILITY LEGEND

SD - STORM DRAIN  
G - GAS MAIN  
W - WATER MAIN  
S - SEWER MAIN  
E - ELECTRIC CABLES  
A - AERIAL CABLES  
T - TELEPHONE CABLES  
F - FIBER-OPTIC

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 528 (COASTAL HWY) AT 45TH STREET

OCEAN CITY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 5-26-82 CONTRACT NO. W0594501185

DESIGNED BY  
DRAWN BY B. THOMPSON  
CHECKED BY D. DODA  
FAP NO.  
COUNTY WORCESTER  
LOGMILE 23052805.70  
TIMS NO.  
TOD NO.

TS NO. 418E DRAWING SP-1 OF 2 SHEET NO. 13 OF 26

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APPROVALS  
TEAM LEADER  
ASST. DIV. CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

REVISIONS  
RECONSTRUCT RAMP TO BE ADA COMPLIANT. MODIFY APS/CPS. 06-2012  
TIMS NO. 2367 SHA NO. XXI285133  
D INSTALL RESTRICTED RIGHT LANE SIGNS  
TIMS NO. E792 SHA NO. AT9095185  
C INSTALL AUDIBLE PEDESTRIAN SIGNALS  
3-31-04 SHA NO. XXI065185  
RRZ

PLOTTED: Thursday, June 07, 2012 AT 03:26 PM  
FILE: \\rkkm\2007\2007\07058\_ghhdd\Task06\_MD 528 ADA\CADD\45TH Street\PSG-P000\_45th.dgn